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Application Number	09/802,208
Filing Date	3/8/2001
First Named Inventor	Parrott
Art Unit	1646
Examiner Name	Unknown

Attorney Docket Number UGA-855R

U.S. PATENT DOCUMENTS

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Date
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Examiner Name	Unknown

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AM	✓	BARTKUS, J.M. et al., <i>Construction of an Improved D-Arabinose Pathway in Escherichia Coli K-12</i> , Journal of Bacteriology, Washington, D.C. 165:3, 704-709, 1986.
	✓	BRUNKER, P. et al., <i>Structure and function of the genes involved in mannitol, arabitol, and glucitol utilization from Pseudomonas fluorescens DSM50106</i> Gene 117-126 (1998).
	✓	HEUEL H, SHAKERI-GARAKANI A, TURGUT S, LENGELE R JW, <i>Genes for D-arabinitol and ribitol catabolism from Klebsiella pneumoniae</i> . Microbiology 144:1631-1639 (1998).
	✓	HEUEL H, TURGUT S, SCHMID K, LENGELE R JW, <i>Substrate recognition domains as revealed by active hybrids between the D-arabitol and ribitol transporters from Klebsiella pneumoniae</i> . J Bacteriol 179:6014-6019 (1997).
	✓	LAFAYETTE, P.F. & PARROTT, W.A., <i>A non-antibiotic marker for amplification of plant transformation vectors in E. coli</i> . Plant Cell Reports, 20:338-342, 2001.
	✓	LINK, C.D. et al., <i>Genotypic Exclusion: A Novel Relationship Between the Ribitol-Arabitol and Galactitol Genes of E. Coli</i> , Molecular and General Genetics, Springer Verlag, Berlin DE, 189:337-339, 1983
	✓	LINK, C.D. et al., <i>Inverted Repeats Surround the Ribitol-Arabitol Genes of E. Coli C</i> , Nature, 298, 94-96, 1982.
	✓	LOVINY T. et al., <i>Ribitol Dehydrogenase of Klebsiella-Aerogenes Sequence of the Structural Gene</i> Biochem J. 230:579-585 (1985).
	✓	POSTMA, P.W. et al., <i>Phosphoenolpyruvate: Charbohyrate Phosphotransferase Systems of Bacteria</i> , Microbiological Reviews, American Society for Microbiology, Washington, D.C. 57:3, 543-594 1993.
	✓	REINER AM, <i>Genes for ribitol and D-arabitol catabolism in Escherichia coli: their loci in C strains and absence in K-12 and B strains</i> . J Bacteriol. 123:530-536 (1975).
	✓	SCANGOS, G. A. et al., <i>Ribitol and D-Arabitol Catabolism in Escherichia Coli</i> , Journal of Bacteriology Washington, D.C. 134:2, 492-500 1978.
	✓	TRIMBUR, D.E. et al., <i>Isolation and Characterization of Escherichia Coli Mutants Able to Utilize the Novel Pentose L-Ribose</i> , Journal of Bacteriology, Washington, D.C., 173:8, 2459-2464 1991.
AM	✓	WONG, B. et al., <i>D-Arabinol Metabolism in Candida Albicans: Studies of the Biosynthetic Pathway and the Gene that Encodes NAD Dependent D-Arabinol Dehydrogenase</i> , Journal of Bacteriology, Washington, D.C. 175:19, 6314-6320 1993.
AM	✓	STEWART, NEAL C. et al., <i>Genetic Transformation, Recovery and Characterization of Fertile Soybean Transgenic for a Synthetic Bacillus thuringiensis cryIAc Gene</i> , Plant Physiol 112: 121-129, 1996.

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Attorney Docket Number	UGA-855R

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AMM	✓	ATSCHUL, S. F. et al., <i>Basic Local Alignment Search Tool</i> , J. Mol. Biol. 215:403-410 (1990).
	✓	BACHMANN B.J., <i>Pedigrees of Some Mutant Strains of Escherichia coli K-12</i> . Bacteriol Rev 36:525-557 (1972).
	✓	BAILEY et al., <i>Genotype Effects on Proliferative Embryogenesis and Plant Regeneration of Soybean</i> , In Vitro-Plant. 29P:102-108 (July 1993).
	✓	HALDRUP, A., PETERSEN, S. & OKKELS, F. <i>Positive selection: A plant selection principle based on xylose isomerase, an enzyme used in the food industry</i> . Plant Cell Rep. 18, 76-81. (1998).
	✓	KANABUS, J., BRESSAN, R. & CARPITA, N. <i>Carbon assimilation in carrot cells in liquid culture</i> . Physiol. Plant. 82, 363-368 (1986).
	✓	KLEIN TM, WOLF ED, WU R, SANFORD JC <i>High-velocity microprojectiles for delivering nucleic acids into living cells</i> . Nature 327:70-73 (May 1987).
	✓	LINN, E. <i>An inducible D-arabitol dehydrogenase from Aerobacter aerogenes</i> . J. Biol. Chem. 236, 31-36 (January 1961).
	✓	ODELL et al., <i>Identification of DNA sequences required for activity of the cauliflower mosaic virus 35S promoter</i> . Nature 313:810-812 (February 1985)
	✓	TARTOF, K.D., C.A.HOBBS, <i>Improved media for growing plasmid and cosmid clones</i> . Focus 9:12-16 (1987).
	✓	WIMAN M, BERTANI G, KELLY B, SASAKI I <i>Genetic map of Escherichia coli strain C</i> . Mol Gen Genet 107:1-31 (1970).
AMM	✓	ZHENG Z, HAYASHIMOTO A, LI Z, MURAI N, <i>Hygromycin resistance gene cassettes for vector construction and selection of transformed rice protoplasts</i> . Plant Physiol 97:832-835 (1991).

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AM	✓	CHRISTOU et al., <i>Stable Transformation of Soybean Callus by DNA-Coated Gold Particles</i> , Plant Physiology 87:671-674 (1988).
AM	✓	SAMOYLOV et al., <i>Soybean [Glycine Max (L.) Merrill] Embryogenic Cultures: The role of Sucrose and Total Nitrogen Content on Proliferation</i> . In Vitro Cell Dev.Biol.- Plant 34:8-13 (March 1998).
AM	✓	SAMOYLOV et al., <i>A liquid-medium-based protocol for rapid regeneration from embryogenic soybean cultures</i> . Plant Cell Rep 18:49-54 (1998).
		VIOLA, R. <i>Hexose metabolism in discs excised from developing potato (Solanum tuberosum L.) tubers. II. Estimations of fluxes in vivo and evidence that fructokinase catalyses a near rate-limiting reaction</i> . Planta 198, 186-196. (1996).

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